

SECTION 1

PRODUCT IDENTIFICATION AND MANUFACTURE

NAME: WATER BASED ROLLER TIN FLUX.

PART NO: 14-15050, 14-15050-1, 14-15050-2

MANUFACTURER'S/SUPPLIERS NAME, REGISTERED

ADDRESS AND EMERGENCY TEL NO:

MEGA ELECTRONICS LTD.,
THE GRIP INDUSTRIAL ESTATE,
LINTON, CAMBRIDGE. ENGLAND, CB1 6NR.
TELEPHONE: +44 (0) 1223 893900

ORGANISATIONS NAME & ADDRESS AT WHICH

MANUFACTURED

BLT CIRCUIT SERVICES
AIRFIELD INDUSTRIAL ESTATE,
BROME, EYE, SUFFOLK. IP23 7HN
TELEPHONE: +44 (0) 1379 870870

SECTION 2

COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	%BY WT	CAS & EEC Nos:	EXPOSURE
ISOPROPANOL	40	67-63-0	400 ppm
INORGANIC ACID	<5	-----	5 ppm

EINECS: 200-661-7 CLASSIFICATION HIGHLY FLAMMABLE

SECTION 3 HAZARDS IDENTIFICATION

HIGHLY FLAMMABLE. INGESTION OF LARGE DOSES MAY LEAD TO ALCOHOLISM. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DEFATTING RESULTING IN DERMATITIS.

SECTION 4 FIRST AID MEASURES

INHALATION: MOVE TO FRESH AIR AND KEEP AT REST AND KEEP WARM. IF RECOVERY IS NOT RAPID, SEEK MEDICAL ATTENTION.

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA WITH SOAP AND WATER. IF IRRITATION OCCURS AND PERSISTS, SEEK MEDICAL ATTENTION.

EYE CONTACT: FLUSH WITH WATER FOR 10 MINUTES. SEEK MEDICAL ATTENTION

INGESTION: RINSE MOUTH OUT WITH WATER. DO NOT INDUCE VOMITING. IF PATIENT IS CONSCIOUS GIVE WATER TO DRINK. IF PATIENT FEELS UNWELL SEEK MEDICAL ATTENTION.

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, SAND OR ALCOHOL RESISTANT FOAM.
UNSUITABLE EXTINGUISHERS: WATER JETS

COMBUSTION PRODUCTS: OXIDES OF CARBON

FIRE/EXPLOSION SCENARIOS
DECOMPOSES TO RELEASE CI AND HCI

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS
SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN.

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION

REFER TO SECTION 8; PERSONAL PROTECTION

ENVIRONMENTAL PRECAUTIONS

AVOID ENTRY INTO DRAINS & WATERWAYS.

WORKPLACE PRECAUTIONS N/A

METHODS FOR CLEARING UP: ABSORB THE MATERIAL WITH SAND OR EARTH. IF POSSIBLE TRANSFER LIQUID TO A SALVAGE TANK, OTHERWISE OBSORT MATERIAL AND TRANSFER TO SUITABLE CONTAINER FOR WASTE DISPOSAL

SECTION 7 HANDLING AND STORAGE

HANDLING PRECAUTIONS GOD GERNERAL VENTILATION, LEV MAY BE REQUIRED. AVOID SOURCES OF IGNITION. DO NOT BREATHE VAPOURS

STORAGE INCLUDING ANY SPECIAL REQUIREMENTS (TEMPERATURE, VENTILATION, ETC)
STORE IN PLASTIC CONTAINERS. KEEP IN WELL VENTILATED AREA, AWAY FROM REACTIVE SUBSTANCES.

TEMPERATURE RANG: 10 – 15°C – HUMIDITY RANGE: DRY . USE NON-SPARKING TOOLS AND EARTH STRAPS.

SECTION 8

EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS/ VENTILATION

NORMAL GOOD ROOM VENTILATION SHOULD BE SUFFICIENT.
EXPOSURE LIMITS: 400 ppm (980 mg / m³) 8hr TWA; 500 ppm Type: OES 500ppm (1225 mg / m³) STEL

RESPIRATORY PROTECTION TYPE APPROVED RPE FOR ORGANIC VAPOURS IF REQUIRED

EYE PROTECTION RECOMMENDED SPLASHPROOF GOGGLES

HAND PROTECTION RECOMMENDED IMPERVIOUS GLOVES e.g. NITRILE.

SKIN PROTECTION RECOMMENDED IN FORM OF COVERALLS AND BOOTS – WASH THOROUGHLY AFTER HANDLING CHEMICALS.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: LIQUID **COLOUR:**
PINK TRANSPARENT LIQUID

ODOUR: ALCOHOLIC

BOILING POINT Im1-°C:79 – 82°C

MELTING POINT °C: ca – 88°C

FLASH POINT °C (Open/Closed Cup): 11°C BY CLOSED CUP METHOD. **AUTOIGNITION TEMP** °C: 398°C

THERMAL DECOMPOSITION TEMP °C: 0-160 **OXIDISING PROPERTIES:** STRONG OXIDISER

EXPLOSIVE PROPERTIES: NON FLAMMABLE

EXPLOSIVE LIMITS AT at 25°C (% VOL IN AIR) 2.5 – 12.7 %

LOWER: **UPPER:**

RELATIVE DENSITY: 1.66 **SOLID CONTENT** %:

SOLUBILITY IN WATER: MISCIBLE **SOLUBILITY IN SOLVENT** : MISCIBLE WITH ALCOHOL AND ETHER
VOLATILE CONTENT

VAPOUR PRESSURE 33mmHg at 20°C

RELATIVE VAPOUR DENSITY (air = 1):

(of principle component and name):

EVAPORATION RATE **SPECIFIC GRAVITY:** 0.982
(n-butyl acetate = 1):

SECTION 10 STABILITY AND REACTIVITY PROPERTIES

CONDITIONS TO AVOID: HEAT, SPARKS, FLAMES AND OTHER SOURCES OF IGNITION, MOISTURE.

MATERIALS TO AVOID: STRONG OXIDIZING AGENTS.

SECTION 11 TOXICOLOGICAL INFORMATION

EFFECT OF EYE CONTACT: MAY CAUSE MILD EYE IRRITATION.

EFFECT OF SKIN CONTACT: MILD IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DEFATTING RESULTING IN DERMATITIS AND SECONDARY INFECTIONS.

EFFECT OF INHALATION: CAUGHING, DROWSINESS, DIZZINESS, NAUSEA, HEADACHES AND VOMITING, HYPOTENSION.

ISOPROPANOL ALCOHOL: LD50 (ORAL RAT): 5840 mg / kg.

SECTION 12 ECOLOGICAL INFORMATION

AT LOW CONCENTRATIONS (ABOUT 10 ppm) THE MATERIAL IS BIODEGRADABLE.

SECTION 13 DISPOSAL CONSIDERATIONS

Safe disposal of product, its residues and packaging materials: USED CONTAINERS MUST NOT BE CUT UP OR PUNCTURED UNTIL COMPLETELY PURGED OF PRODUCT RESIDUES.
In accordance with local regulations via licensed contractor.

SECTION 14 TRANSPORT INFORMATION

UN NUMBER 1219
CLASS / ITEM NO: 3
PRIMARY HAZARD FLAMM,ABLE LIQUID
PACKING FROUP: II EMERGENY ACTION CODE 2(S) E
H.I. NUMBER: 33

SECTION 15 REGULATORY INFORMATION

SUPPLY LABEL REF: CHIP 2
LABEL NAME: 1010
SYMBOLS: HIGHLY FLAMMABLE

CONTAINS:

RISK PHRASE NOs & WORDS:
11 HIGHLY FLAMMABLE

SAFETY PHRASE NOs & WORDS:
7 KEEP CONTAINER TIGHTLY CLOSED
16 KEEP AWAY FROM SOURCES OF IGNITION

OTHER INFORMATION

RECOMMENDED USES AND RESTRICTIONS: Use only as directed.

SECTION 16 OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.